

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 136 | ((qualif\$4 or alignn\$4 or synchroniz\$4 or enabl\$4)near3 read)with (clock near2 phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:50 |
| L2 | 1 | ((qualif\$4 or alignn\$4)near3 read)with (clock near2 phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:01 |
| L3 | 23 | l1 and (((power or energy)near3 (consumption or sav\$4 or reduced or conservation))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 12:46 |
| L4 | 0 | l1 and (payload near4 array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:44 |
| L5 | 0 | l1 and (retir\$5 near4 array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:04 |
| L6 | 23 | l1 and (array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:25 |
| L7 | 4 | l6 and (((power or energy)near3 (consumption or sav\$4 or reduced or conservation))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:05 |
| L8 | 46 | ((qualif\$4 or alignn\$4 or gat\$4)near3 read)with (clock near2 phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:41 |

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| L9 | 48 | ((qualif\$4 or alignn\$4 or gat\$4)near3 read)with ((active or clock) near2 phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 13:06 |
| L10 | 22 | ((qualif\$4 or alignn\$4 or gat\$4)near3 read)near6 ((active or clock) near2 phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:43 |
| L11 | 0 | l10 same (latch\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:44 |
| L12 | 5 | l10 and (latch\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:44 |
| L13 | 0 | l10 and (payload near4 array) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:45 |
| L14 | 4 | (retirement near3 (payload near2 array)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:46 |
| L15 | 4 | (retire\$5 near3 (payload near2 array)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 10:46 |
| L16 | 88 | ((pulse or glitch or signal)near3 (generat\$4 or output\$4))same (((qualif\$4 or alignn\$4 or synchroniz\$4 or enabl\$4 or gat\$4)near3 read)with (clock near2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 13:15 |

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| L17 | 0 | I16 and (((latch\$4 or output\$4)near3 only)with (active near3 (read or phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:53 |
| L18 | 0 | I16 and (((latch\$4 or output\$4 or enabl\$4)near3 only)with (active near3 (read or phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:53 |
| L19 | 0 | I16 and (((latch\$4 or output\$4 or enabl\$4)near3 only)with (active near5 (read or phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:53 |
| L20 | 13 | I16 and ((active near5 (read or phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:55 |
| L21 | 33 | ((pulse or glitch or signal)near3 (generat\$4 or output\$4))same (((qualif\$4 or enabl\$4 or gat\$4)near3 read)with (clock near2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 13:24 |
| L22 | 7 | I21 and ((active near5 (read or phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 11:56 |
| L23 | 0 | ((latch\$4 or output\$4) near4 (condition\$4 or restrict\$4 or control\$4 or gat\$4 or qualif\$4))with (only with (read near2 active)same (active near3 (clock or phase))) | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | ON | 2005/02/10 12:34 |
| L25 | 0 | ((latch\$4 or output\$4) near4 (condition\$4 or restrict\$4 or control\$4 or gat\$4 or qualif\$4))same (only with (read near2 active)with (active near3 (clock or phase))) | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | ON | 2005/02/10 12:35 |
| L26 | 2 | ((condition\$4 or restrict\$4 or control\$4 or gat\$4 or qualif\$4))same (only with (read near2 active)with (active near3 (clock or phase))) | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | ON | 2005/02/10 12:35 |

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| L27 | 21 | ((qualif\$4 or alignn\$4 or synchroniz\$4 or enabl\$4)near3 read)with (clock near2 phase) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 12:55 |
| L28 | 9 | ((pulse or glitch or signal)near3 (generat\$4 or output\$4))same (((qualif\$4 or alignn\$4 or synchroniz\$4 or enabl\$4 or gat\$4)near3 read)with (clock near2 phase)) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 12:52 |
| L29 | 2 | ((pulse or glitch or signal)near3 (generat\$4 or output\$4))same (((qualif\$4 or enabl\$4 or gat\$4)near3 read)with (clock near2 phase)) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 12:51 |
| L30 | 4 | ((qualif\$4 or gat\$4)near3 read)with (clock near2 phase) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 12:55 |
| L31 | 2 | ((pulse or glitch or signal)near3 (generat\$4 or output\$4))same (((qualif\$4 or enabl\$4 or gat\$4)near3 read)with (clock near2 phase)) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 13:04 |
| L32 | 4 | ((qualif\$4 or alignn\$4 or gat\$4)near3 read)with ((active or clock) near2 phase) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 13:06 |
| L33 | 1 | ((condition\$4 or qualif\$5 or gat\$4)near3 (output\$4 or latch\$4)) with ((read near3 active)with (clock near3 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 13:19 |
| L34 | 1 | ((condition\$4 or qualif\$5 or gat\$4)near3 (output\$4 or latch\$4)) same ((read near3 active)with (clock near3 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 13:20 |
| L35 | 71 | ((qualif\$4 or enabl\$4 or gat\$4)near3 read)with (clock near2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 13:25 |
| L36 | 464773 | ((select\$5 or adapt\$5 or qualif\$5)near3 (latch\$4 or output\$4 or read\$4)) | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | ON | 2005/02/10 13:26 |
| L37 | 111466 | ((select\$5 or adapt\$5 or qualif\$5)near3 (latch\$4 or output\$4 or read\$4)) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 13:26 |
| L38 | 467505 | ((select\$5 or adapt\$5 or qualif\$5 or restrict\$4 or control\$4 or prohibit\$5)near3 (latch\$4 or output\$4 or read\$4)) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 13:28 |

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| L39 | 865575 | ((select\$5 or adapt\$5 or qualif\$5 or restrict\$4 or control\$4 or prohibit\$5)near3 (latch\$4 or output\$4 or read\$4)) | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | ON | 2005/02/10 13:27 |
| L40 | 0 | l38 with ((only near3 (active near2 read))with (active near3 (clock or phase))) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 13:30 |
| L41 | 0 | l38 same ((only near3 (active near2 read))with (active near3 (clock or phase))) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 13:30 |
| L42 | 1 | l38 same (((active near2 read))with (active near3 (clock or phase))) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 13:30 |
| L43 | 40 | l39 same (((active near2 read))with (active near3 (clock or phase))) | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | ON | 2005/02/10 14:08 |
| L44 | 20 | l43 and (read near4 port) | US-PGPUB; USPAT; USOCR; IBM_TDB | OR | ON | 2005/02/10 13:34 |
| L45 | 239206 | reorder\$3 near2 buffer | EPO; JPO; DERWENT | OR | ON | 2005/02/10 14:09 |
| L46 | 142 | reorder\$3 near2 buffer | EPO; JPO; DERWENT | OR | ON | 2005/02/10 14:17 |
| L47 | 0 | l46 and precharg\$4 | EPO; JPO; DERWENT | OR | ON | 2005/02/10 14:09 |
| L48 | 24 | l46 and read\$4 | EPO; JPO; DERWENT | OR | ON | 2005/02/10 14:12 |
| L49 | 0 | l46 and latch\$4 | EPO; JPO; DERWENT | OR | ON | 2005/02/10 14:10 |
| L50 | 0 | l46 and ((power or enrgy)near3 (conservation or sav\$4 or consumption)) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 14:11 |
| L51 | 2 | l46 and ((power or enrgy)) | EPO; JPO; DERWENT | OR | ON | 2005/02/10 14:11 |
| L52 | 22429 | (reorder\$3 near2 buffer or register or latch)with ((control or restrict\$4 or qualif\$5 or gat\$4)near6 read) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:20 |
| L53 | 1 | l52 same (active near3 (clock adj2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:21 |

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| L54 | 0 | (active near3 read)with (active near3 (clock adj2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:25 |
| L55 | 6 | (read) with (active near3 (clock adj2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:23 |
| L56 | 0 | (read adj pointer) with (active near3 (clock adj2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:23 |
| L57 | 0 | (read near3 low)with (active near3 (clock adj2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:26 |
| L58 | 4 | (read near3 low) with ((clock adj2 phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:32 |
| L59 | 53506 | (condition\$4 or restrict\$4 or select\$5 or adapt\$5 or gated or qualif\$5)near5 ((enabl\$4 or latch\$4 or output\$4 or open\$3)near3 (register or latch or buffer or fifo or flipflop)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:39 |
| L60 | 0 | I59 with (read near6 (clock adj phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:41 |
| L61 | 0 | I59 same (read near6 (clock adj phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:42 |

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| L62 | 5 | I59 same (read with (clock adj phase)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:46 |
| L63 | 7151 | ((select\$5 or adapt\$5 or control\$4 or restrict\$4)near3 charg\$4)with (access\$4 or read\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:51 |
| L64 | 14 | I63 with (clock near3 phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:57 |
| L65 | 22 | ((register near2 file)near3 (access\$4 or read\$4))with (clock near2 phase) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 15:10 |
| L66 | 0 | I65 same (only near4 both) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 14:59 |
| L67 | 0 | I65 and (both near6 (phase with read)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 15:00 |
| L68 | 8 | (both near3(read with(clock near2 phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 15:10 |
| L69 | 8 | (both near3(read adj8(clock near2 phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 15:14 |

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| L70 | 954 | ((read adj8(clock near2 phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 15:14 |
| L71 | 1 | ((read near2 active) adj8(clock near2 phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 15:15 |
| L72 | 4 | ((read near2 active) with(clock near2 phase))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/10 15:15 |